

Receiving Report

Date: 12/3/19

Batch No: M121070

Supplier: THYssen

Dart P/O: 16444

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☐ No ☒
 Receipt: Cash ☐ Cr ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☐ No ☒ N/A ☐
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC6 Inspection 12/03/19 N/A ☐
 Work Order N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Received	Quantity Returned	Quantity Short	Comments
M60GCT65 1080		384	0	0	384	

Initials of receiver (if shipment OK) Level 12

Production/Admin: 12/3/19
 Date
 Received/Costing
 Initial

Location

Purchase Order Receipt Listing

Monday, March 19, 2012 7:25:13 AM

All amounts are calculated in domestic currency.

All Vendors PO ID PO16444 Receipt Dates from 3/19/2012 to 3/19/2012 All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date Required Qty	Recv Date/ Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ Reject Qty	Book Amt
Vendor ID \ Vendor Name VC-COP001 Thyssenkrupp Materials CA Ltd											
PO16444	1		M303R0.750 f		3/23/2012 3/19/2012		24.0000	\$3.96	0.0000	0	\$95.03
CAD	No		303 Round Bar 0.750 f		24.0000 DESJ02			\$95.03	0.0000	0	
			121070								
	2		M303R1.000 f		3/23/2012 3/19/2012		12.0000	\$7.03	0.0000	0	\$84.31
	No		303 Round Bar 1.00 f		12.0000 DESJ02			\$84.31	0.0000	0	
			121070								
	3		M304S11GA sf		3/23/2012 3/19/2012		32.0000	\$9.85	0.0000	0	\$315.15
	No		304/316 0.125 Sheet sf		32.0000 DESJ02			\$315.15	0.0000	0	
			121070								
	4		M304S16GA sf		3/23/2012 3/19/2012		192.0000	\$4.58	0.0000	0	\$879.05
	No		304/316 Sheet .063 sf		192.0000 DESJ02			\$879.05	0.0000	0	
			121070								
	5		M6061T6B0.500X05. f		3/23/2012 3/19/2012		24.0000	\$6.29	0.0000	0	\$151.08
	No		6061-T6 Bar .500 x f		24.0000 DESJ02			\$151.08	0.0000	0	
			5.00								
			121070								
	6		M6061T6B2.500X03. f		3/23/2012 3/19/2012		12.0000	\$20.98	0.0000	0	\$251.71
	No		6061-T6 Bar 2.50 x f		12.0000 DESJ02			\$251.71	0.0000	0	
			3.50								
			121070								
	7		M6061T6R1.000 f		3/23/2012 3/19/2012		24.0000	\$1.95	0.0000	0	\$46.79
	No		ROUND BAR 1.00" f		24.0000 DESJ02			\$46.79	0.0000	0	
			121070								

Total Received Quantity: 320.0000
Total Qty to Inspect (PO U/M): 0.0000
Total Reject Quantity: 0.0000
Total Receipt Value: \$1,823.12
Total Balance Due Quantity: 0.0000

Attn: Chantal/Linda

Ship From: THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

Ship To: (1)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Tel: 613-632-9577 Fax: 613-632-1053

Ship Date 19Mar12 at 9:44 From PFW
No: PEC 758034

Shipping
Via VIM TRANSFER
FOB CONCORD
Frt PREPAID
Route 0 - 0 Manifest
Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7

B I L L O F L A D I N G

=====		B I L L O F L A D I N G	
1) Our order PEC-430287- 1 Your PO # 16444	Heat Number 9PK8	Tag No 47609	Quantity 24 FT
STAINLESS STEEL ROUND BAR 303 STAINLESS	.750" DIA X 144.0000"		PCS
			WT LBS
			36
2) Our order PEC-430287- 2 Your PO # 16444	Heat Number B0R5	Tag No 47610	Quantity 12 FT
STAINLESS STEEL ROUND BAR 303 STAINLESS	1.00" DIA X 144.0000"		PCS
			WT LBS
			32
3) Our order PEC-430287- 3 Your PO # 16444	Heat Number B9857-4000	Tag No 47740	Quantity 32.00 SFT
STAINLESS STEEL SHEET 304-2B	.1200 Nom X 48.0000" X 96.0000"		PCS
			WT LBS
			160
4) Our order PEC-430287- 4 Your PO # 16444	Heat Number 300212	Tag No 47376	Quantity 192.00 SFT
STAINLESS STEEL SHEET 304-2B	.0600 Nom X 48.0000" X 96.0000"		PCS
			WT LBS
			456
5) Our order PEC-430287- 5 Your PO # 16444	Heat Number HK299 078	Tag No 47611	Quantity 24 FT
ALUMINUM FLAT BAR 6061-T6511	.50" X 5.00" X 144.0000"		PCS
			WT LBS
			70

6/23/19

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ETRE
RAPPORTEES IMMEDIATEMENT
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

DATE

TOUTES ERREURS ET/OU MARCHANDISES MANQUANTES DOIVENT ETRE
RAPPORTEES IMMEDIATEMENT
ERRORS OR SHORTAGE MUST BE REPORTED IMMEDIATELY
RETOUR DE MARCHANDISES AVEC NOTRE NUMERO D'APPROBATION SEULEMENT
MERCHANDISE MAY NOT BE RETURNED WITHOUT OUR APPROVAL NUMBER

Page: 2 ...Continued

MILL TEST REPORTS, PACKING SLIPS ARE TO SENT
WITH MATERIAL AND FAXED TO THE CUSTOMER PRIOR
TO SHIPPING.
ATTN: CHANTAL/LINDA
** ALL PACKING SLIPS MUST HAVE THE HEAT NUMBER **
** REFERENCED ON IT **
TOTAL 1 BDL, 2 SKIDS G.W 1068 LBS
ITEM (1,2,5,6,7) BDL
ITEM (3) SKID

Heat Number
300212
9PK8
BORS
B9857-4000
HK299 078
P1.000082
Z00109010

*** Chemical Analysis ***

2/13/12

TOTAL: Tags 7 PCS 15 LBS 903

6) Our order PEC-430287- 6 Your PO # 16444	ALUMINUM FLAT BAR 6061-T6511	2.50" x 3.50" X 144.0000"	Heat Number Z00109010	Tag No 47612	Quantity 12 FT PCS 1	WT LBS 125
7) Our order PEC-430287- 7 Your PO # 16444	ALUMINUM ROUND BAR 6061-T6511	1.00" DIA X 144.0000"	Heat Number P1.000082	Tag No 47613	Quantity 24 FT PCS 2	WT LBS 24

MTR

MTR

B I L L O F L A D I N G

Ship From:
THYSSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033
Ship To: (1)
DART AEROSPACE

Ship Date 19Mar12 at 9:44 From PFW
No: PEC 758034
Via VIM TRANSFER
FOB CONCORD
Ert PREPAID
Route 0 - 0 Manifest
Vchle Trailer
Slp STAN IVERS (905-532-1350)
Sold To: (20115)
DART AEROSPACE

B I L L O F L A D I N G

DATE _____

Page: 3 ... Last

ITEM (4) SKID

B I T L O F L A D I N G

Suit From:
THYSENKRUPP MATERIALS NA
2821 LANGSTAFF ROAD
CONCORD, ONTARIO L4K 5C6
Tel: 905 669 9444 Fax: 9057389033

B I T L O F L A D I N G

L N G
 No: PEC 758034
 Ship Date 19Mar12 at 9:44 From PFW
 Probill
 Via VIM TRANSFER
 FOB CONCORD
 Frt PREPAID
 Route 0 - 0 Manifest
 Vehicle Trailer
 Slip STAN IVERS (905-532-1350)
 Sold To: (20115)
 DART AEROSPACE

PO/Rel 16444
We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Signed by:
Attn:

運錫鋼鐵股份有限公司

檢驗證明書

YUEN CHANG STAINLESS STEEL CO., LTD.

INSPECTION CERTIFICATE

列印日期(ISSUE DATE): 2011/09/30

高雄市楠梓區中正四路 235 號 13F
13-F, No. 235, Jungteng, 4th Road
Chianjin Chiu, Kaohsiung, Taiwan.

客戶名稱 Customer		Global Stainless Steel Inc. 1150 Meyerside Drive, Mississauga, Ontario, Canada, L5T 1J4		PO No.: 92518 Shipment No.: 4970									
項目 Item	鋼卷編號 Coil No.	爐號 Heat No.	鋼種 Steel Grade	表面 Finish	產品尺寸(MM) Thickness x Width x Length	淨重(KG) Net Weight							
1	KA10505990E10-1	A1101712	304	NO.4	1.20 x 1219 x 2438	1,160							
2	KA10505990E10-2	A1101712	304	NO.4	1.20 x 1219 x 2438	1,150							
3	KA10508840J20-1	A1101752	304	NO.4	1.50 x 1219 x 2438	1,134							
4	KA10508840J20-2	A1101752	304	NO.4	1.50 x 1219 x 2438	1,124							
5	H5060	B9904-2010	304	NO.4	0.70 x 1219 x 2438	1,148							
6	KA10336430F10	A2101090	304	NO.4	0.90 x 1219 x 2438	1,158							
7	KA10331970E20	A2101089	304	NO.4	3.00 x 1219 x 2438	1,120							
化學成份			化學成份 (%)		機械性質								
項目 Item	C	Si	Mn	P	S	Cr	Ni	N	抗拉強度 T.S N/MM ²	降伏強度 Y.S(0.2%) N/MM ²	伸長率 Elong (%)	硬度 Hardness HRB	硬度 Hardness HV
1	0.040	0.460	1.130	0.039	0.001	18.100	8.000	0.050	686	288	55.0	87.5	-
2	0.040	0.460	1.130	0.039	0.001	18.100	8.000	0.050	686	288	55.0	87.5	-
3	0.040	0.460	1.110	0.036	0.002	18.200	8.000	0.040	663	325	56.0	83.0	-
4	0.040	0.460	1.110	0.036	0.002	18.200	8.000	0.040	663	325	56.0	83.0	-
5	0.046	0.488	1.201	0.032	0.006	18.144	8.138	0.055	681	332	52.0	86.3	-
6	0.050	0.370	1.120	0.022	0.002	18.200	8.100	0.050	654	291	56.0	89.5	-
7	0.050	0.410	1.200	0.035	0.002	18.400	8.100	0.060	639	313	64.5	83.5	-
茲證明本表所列產品，均依材料規格製造及試驗，並符合規格之要求。 We hereby certify that the products described herein have been manufactured and tested with Satisfactory results in accordance with the requirement of the above material specification. 本產品無輻射污染，並且不含汞。 The material described above is free irradiation and free mercury. According With ASTM A240 And ASTM A480													
YUEN CHANG STAINLESS STEEL CO., LTD.													

For and on behalf of
YUEN CHANG STAINLESS
STEEL CO., LTD.

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
STAINLESS STEEL ROUND BAR 303 STAINLESS
1.00" DIA X 144.0000"
PART NO.

PO/Rel 16444

We certify that this is a true copy of the report
furnished by the producer of the metal, or data
resulting from tests made in approved labs.

Certificate of Mill Test Results

BL PEC-758034-002

Signed by:

19Mar12
Pg 1/1



6870 HIGHWAY 42 EAST

METALLURGICAL TEST REPORT

NORTH AMERICAN STAINLESS
6870 HIGHWAY 42 EAST
GHENT, KY 41045

Mail To:

Certificate: 712109 1
THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Ship To:

THYSSENKRUPP MATERIALS
2821 LANGSTAFF ROAD
CONCORD, ON L4K5C6

Date: 2/15/2012 Page: 1

Steel: 303

Finish: CD

Corrosion:

NAS Order: IN 0140609 01

Your Order: PEC236938

PRODUCT DESCRIPTION:

Round Bar, Annealed, Cold Draw
ASTM A582/05 EN 10204 3.1, ASTM A484/10
AMS 5640V TYPE 1, QQS-764B CONDITION A

REMARKS:

COMPLIES W/REQUIREMENTS OF DFARS EU DIRECTIVE 2002.95.
EC. ROHS. EAF+AOD+CC. NO WELD REPAIR. MELTED AND MFG IN USA
FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Product Id	Skid #	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
BE3487 2		1.0000		1,008	144.00	1	1	

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

HEAT	CM	C	CO	CR	CU	MN	MO	N	NI	P
B0R5	US	.0402	.0280	17.1530	.1790	1.7540	.2765	.0508	8.4565	.0355
		S	SI							
				.3365	.4330					

MECHANICAL PROPERTIES

Product Id	1 d o i c i	HB	.2YS KSI	UTS KSI	RA %	Elng % 4D
BE3487 2	RL	191.00	68.99	105.11	39.81	29.74

NAS hereby certifies that the analysis on this certification is correct and the
material meets the specifications stated.

Doc No. 128458 Indexed 17Feb12 by slsup1

Technical Dept. Mgr.

ERIC HESS

2/15/2012

ThyssenKrupp ThyssenKrupp Stainless USA Type of document / Tipo de documento / Art der Prüfbescheinigung INSPECTION CERTIFICATE ABNAHMEPRÜFZEUGNIS according to / de acuerdo con / nach EN 10204-3.1		Page / Pagina / Seite 1 / 2 Document number / Número de documento / Prüfbescheinigungsnr. 0000005480 /	
1 ThyssenKrupp Drive, P.O. Box 13000, Cary, AL 35513-1300 Customer's order number / Nº de Pedido Cliente / Auftragsnummer. Manufacturer's work order no. / Nº de Trabajo Manufacturera / Werkbestellnummer. Delivery date no. / Nº de Entrega / Lieferungsdatum. Product / Producto / Beschaffenheit COIL/BORRINA/BAND Size grade and quality / Acero / Stahlgüte und Legierung TYPE 304L/304			
ASTM A240/A240M, ASME SA-240 Part A Ed.2010 ASTM A484/A484M, ASME SA-480 Sec. II Part A Ed.2010			
Product description (Thickness / Width / Length) Thickness (mm) / Ancho (mm) / Longitud (mm) 1.42 mm x 1.219.20 mm 0.0650 inch x 48.0000 inch			
Weight / Peso / Gewicht Actual weight / Peso real / Istgewicht 10.551 lb / 4.785 kg 16.115 lb / 7.356 kg 19.207 lb / 8.758 kg			
Chemical composition / Composición Química / Chemische Zusammensetzung % C % Si % Mn % P % S % Cr % Ni % N 0.025 0.030 1.77 0.031 0.010 18.13 8.16 0.058 0.025 0.030 1.66 0.027 0.010 18.04 8.00 0.065 0.021 0.021 1.71 0.028 0.010 18.03 8.02 0.065			
Mechanical properties / Propiedades Mecánicas / Mechanische Eigenschaften Tensile strength / Resistencia a la tracción / Zugfestigkeit 300000 MPa 300181 MPa 300212 MPa			
Transverse Tensile strength / Resistencia a la tracción / Zugfestigkeit 300000 MPa 300181 MPa 300212 MPa			
Impact tests / Pruebas de impacto / Stoßversuche Charpy / Pendulum / Charpy 300000 MPa 300181 MPa 300212 MPa			
Heat treatment / Tratamiento térmico / Wärmebehandlung Annealing / Recocido / Rekristallisation 1000019376 1000019384 1000019375			
Dimensions / Dimensiones / Maße Width / Ancho / Breite 48.0000 inch / 1219.20 mm Thickness / Espesor / Stärke 0.0650 inch / 1.65 mm			
Certificate number / Número de certificado / Prüfbescheinigungsnr. 0000005480 /			
Date of issue and validation / Fecha de emisión y validación / Datum der Ausstellung und Bestätigung 12/21/2011			
Name of expert / Nombre del experto / Name des Sachverständigen Alejandro Carrio Phone: +1 251 829 3333			
Certificate is generated automatically / Certificado es generado automáticamente / Das Zeugnis wurde elektronisch erstellt			
Original of the document / Original del documento / Original der Bescheinigung			

Certificate of Mill Test Results

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
ALUMINUM PLAT BAR 6061-T6511
PART NO. 144.0000"

Signed by: _____
Pg 1/1

CERTIFIED TEST REPORT
<http://Online-KaiserAluminum.com>

KAISER
ALUMINUM
FABRICATED PRODUCTS

Best in Class

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER: PEC-236804-1		CUSTOMER PART NUMBER: ALREC00870		PRODUCT DESCRIPTION: 5.00 X 5.000 SC RECT BAR	
KAISER ORDER NUMBER: 613265	LINE ITEM: 001	SHIP DATE: 02/10/2012	KAISER LOT NUMBER: HK299 078	ALLOY: 6061	TEMPER: T6511
WEIGHT SHIPPED: 988.000 LB	QUANTITY: 28,000 PCS	BL NUMBER: 602618	DIA/DIA/T/HKNS:	WIDTH:	LENGTH: 12.000 FT
SHIP TO: THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5G6 CANADA					
SOLD TO: THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5G6 CANADA					

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
HK299 078	0001	1	43.8	38.3	12.5	RE	92	N/A
HK299 078	0001	2	43.7	38.2	12.8	RE	92	N/A
HK299 078	0001	3	45.5	41.0	12.3	RE	92	N/A
HK299 078	0001	4	45.6	40.9	12.5	RE	92	N/A
HK299 078	0001	5	45.0	39.3	12.8	RE	92	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Pb	Bi	Zr	RE	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	0.00	0.00
H41902	.65	.41	.23	.09	.90	.09	.05	.02	.01	.02	.00	.04

Applicable Requirements:

ASTM-B221-08-STENCILED ASME-SB221 1998 SECT II AMS-QC-A-200/8 JNS#96061 (T6511 a-so conforms to T6-not applicable to other tempers)

Miscellaneous Notes

MANUFACTURED IN USA (SHEWAN, TX) MELTED IN USA

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested in accordance with applicable specifications forming a part of the Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Alex Yeh, Quality & Technology Manager

Alex Yeh

Plant Serial: 00029222
Kaiser Order Number: 613265
Line Item: 001

Certificate of Mill Test Results

19Mar12 Pg 1/1 Signed by: BL PEC-758034-006

THYSSENKRUPP MATERIALS NA

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

PART AEROSPACE
ALUMINUM PLAT BAR 6061-T6511
2.50" X 3.50" X 144.0000"

PART NO.

CERTIFIED TEST REPORT
<http://Online.KaiserAluminum.com>

KAISER
ALUMINUM
FABRICATED PRODUCTS

Best in Class

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5206 KAISER DRIVE
KALAMAZOO, MI 49048

CUSTOMER PO NUMBER: PEC-236318-4		CUSTOMER PART NUMBER: ALREC00186		PRODUCT DESCRIPTION: KAISERSELECT SC MANIFOLD BAR 2.50 X 3.50	
KAISER ORDER NUMBER: 612152	LINE ITEM: 004	SHIP DATE: 01/27/2012	KAISER LOT NUMBER: Z00109010	ALLOY: 6061	TEMPER: T6511B
WEIGHT SHIPPED: 996.000 LB	QUANTITY: 8,000 PCS	B/L NUMBER: 602493	DIA/DIA/T/H/KNS:	WIDTH:	LENGTH: 12.000 FT
SHIP TO: THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ON L4K 5C6 CANADA					

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
Z00109010	CC01	1	57.9	55.7	15.7	RE 95	N/A	N/A
Z00109010	CC02	1	57.7	55.4	15.4	RE 89	N/A	N/A

Chemical Composition (wt%), Aluminum Remainder

LIMITS	SI	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	EA	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
101026	.73	.40	.32	.09	.52	.10	.06	.03	.00	.00	.00	.01	.03

Applicable Requirements:

MANIFOLD BAR, SPECIAL STENCIL PER ASTM-B221-08, STENCILED PER AMS-QQ-A-200/8
ASME-SB221 1998 SECT. II YEETS ALL SPECIFICATION REQUIREMENTS FOR 6061-T6511 ELEVATED
MINIMUM MECHANICAL PROPERTIES AS FOLLOWS: UTS = 42.0 KSI MIN YIELD = 38.0 KSI MIN
ELONGATION = 10.0% MIN

Miscellaneous Notes

MANUFACTURED IN USA MELTED IN USA

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the description set forth in Kaiser's sales acknowledgement form. Any warranty is limited to that shown or Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination.

Alex Yeh, Quality & Technology Manager

Alex Yeh

Plant Serial: 00027301
Kaiser Order Number: 612152
Line Item: 004

Page 1 of 1

Certificate of Mill Test Results

BL PEC-758034-007
 Pg 1/2
 Signed by:

We certify that this is a true copy of the report
 furnished by the producer of the metal, or data
 resulting from tests made in approved labs.

THYSSENKRUPP MATERIALS NA

DART AEROSPACE
 ALUMINUM ROUND BAR 6061-T6511
 1.00" DIA X 144.0000"
 PART NO.

KAISER
ALUMINUM
FABRICATED PRODUCTS

[Signature]

CERTIFIED TEST REPORT
<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
 FABRICATED PRODUCTS, LLC
 5205 KAISER DRIVE
 KALAMAZOO, MI 49048

CUSTOMER PO NUMBER:		PEC-236860-3		CUSTOMER PART NUMBER:		015246-2	
KAISER ORDER NUMBER:		LINE ITEM:		SHIP DATE:		KAISER LOT NUMBER:	
613461		003		02/14/2012		P1.000082	
WEIGHT SHIPPED:		QUANTITY:		BL NUMBER:		DIM/DAF/THKNS:	
1020.000 LB		92.000 PCS		602648		WIDTH:	
SHIP TO:		SOLD TO:					
THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ON L4K 6C6 CANADA							
THYSSENKRUPP MATERIALS NA 2821 LANGSTAFF ROAD CONCORD, ON L4K 6C6 CANADA							

Actual Physical Properties

REFERENCE	DASH#	SAMPLE#	UTS (KSI)	YTS (KSI)	ELONG%	HARDNESS	CONDUCT.	BEND
P1.000082	0001	0001	47.6	41.4	19.9	RE	93	N/A
P1.000082	0001	0002	48.0	41.2	19.1	RE	93	N/A
P1.000082	0001	0003	47.8	40.5	19.5	RE	93	N/A
P1.000082	0001	0004	47.7	39.3	19.2	RE	93	N/A
P1.000082	0001	0005	48.4	40.0	17.0	RE	93	N/A
P1.000082	0001	0006	48.8	42.0	17.0	RE	93	N/A
P1.000082	0001	0007	48.7	43.8	18.9	RE	93	N/A
P1.000082	0001	0008	47.5	41.5	21.2	RE	93	N/A
P1.000082	0001	0009	48.0	42.3	20.7	RE	94	N/A
P1.000082	0001	0010	48.5	41.9	18.9	RE	94	N/A
P1.000082	0001	0011	48.4	43.6	19.5	RE	94	N/A
P1.000082	0001	0012	48.5	40.4	19.0	RE	94	N/A
P1.000082	0001	0013	48.9	41.5	18.5	RE	94	N/A
P1.000082	0001	0014	48.5	42.0	19.7	RE	94	N/A
P1.000082	0001	0015	47.8	41.8	19.1	RE	94	N/A
P1.000082	0001	0016	48.8	44.7	20.7	RE	94	N/A
P1.000082	0001	0017	48.4	39.8	17.6	RE	94	N/A
P1.000082	0001	0018	48.1	38.0	18.2	RE	94	N/A
P1.000082	0001	0019	48.1	39.6	20.1	RE	95	N/A
P1.000082	0001	0020	48.2	39.2	17.6	RE	95	N/A
P1.000082	0001	0021	47.6	40.7	18.0	RE	95	N/A
P1.000082	0001	0022	47.5	41.4	18.6	RE	95	N/A
P1.000082	0001	0023	47.7	40.6	20.7	RE	95	N/A
P1.000082	0001	0024	47.5	40.8	19.9	RE	95	N/A
P1.000082	0001	0025	48.7	43.5	20.9	RE	95	N/A

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

DART AEROSPACE
ALUMINUM ROUND BAR 6061-T6511
1.00" DIA X 144.0000"
PART NO.

THYSSENKRUPP MATERIALS NA

KAISER
ALUMINUM
FABRICATED PRODUCTS

Best in Class

CERTIFIED TEST REPORT
<http://Online.KaiserAluminum.com>

KAISER ALUMINUM
FABRICATED PRODUCTS, LLC
5205 KAISER DRIVE
KALAMAZOO, MI 49048

Chemical Composition (wt%), Aluminum Remainder

LIMITS	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Pb	Bi	Zr	Ea	Tot
Maximum	0.80	0.70	0.40	0.15	1.20	0.35	0.25	0.15	NA	NA	NA	0.05	0.15
Minimum	0.40	0.00	0.15	0.00	0.80	0.04	0.00	0.00	NA	NA	NA	0.00	0.00
A32445	.73	.34	.27	.08	.97	.10	.03	.02	.00	.01	.00	.00	.01

Applicable Requirements:

PER ASTM-B221-08, STENCILED ASME-SB221 1998 SECT II PER AMS-QQ-A-200/3 UNS#6061 MEETS ALL SPECIFICATION REQUIREMENTS FOR 6061-T6511/T6 ELEVATED MINIMUM MECHANICAL PROPERTIES AS FOLLOWS: UTS = 42.0 KSI MIN YIELD = 38.0 KSI MIN ELONGATION = 10.0% MIN

Miscellaneous Notes

MANUFACTURED IN USA (COMMERCE, CA) MELTED IN USA

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC hereby certifies that metal shipped under this order has been inspected and tested and found in conformance with applicable specifications forming a part of the Kaiser's general terms and conditions of sale. Test reports are on file, subject to examination. Any warranty is limited to that shown on

Alex Yeh, Quality & Technology Manager

Alex Yeh

THYSSENKRUPP MATERIALS NA

PO/Rel 16444

We certify that this is a true copy of the report furnished by the producer of the metal, or data resulting from tests made in approved labs.

DART AEROSPACE
STAINLESS STEEL SHEET 304-2B
.1200 Nom X 48.0000" X 96.0000"
PART NO.

Certificate of Mill Test Results

BL PEC-758034-003

Signed by:

Attn:

19Mar12
Pg 1/3

檢驗證明書

運鋁鋼鐵股份有限公司

YUEN CHANG STAINLESS STEEL CO., LTD.

INSPECTION CERTIFICATE

列印日期(ISSUE DATE): 2011/09/30

高雄市中區金甌路235號13F

13-F, No. 235, Jungfeng, 4th Road

Chiaojin Chiu, Kaohsiung, Taiwan.

PO No.: 82518
Shipment No.: 4970
ORIGINAL

Global Stainless Steel Inc.
1150 Meyerside Drive, Mississauga,
Ontario, Canada, L5T 1J4

客戶名稱 Customer	鋼捲編號 Coil No.	爐號 Heat No.	鋼種 Steel Grade	表面 Finish	產品尺寸(MM) Thickness x Width x Length	淨重(KG) Net Weight
項目 Item						
8	KA10505990E10-3	A1101712	304	NO.4	1.20 x 1219 x 3048	1,386
9	KA10508840J20-3	A1101752	304	NO.4	1.50 x 1219 x 3048	1,142
10	KA10508840J20-4	A1101752	304	NO.4	1.50 x 1219 x 3048	1,134
11	KA10505150E16-1	A2101743	304	2B	1.50 x 1219 x 2438	1,814
12	KA10336420D10	A2101093	304	2B	0.90 x 1219 x 2438	1,161
13	H4886-1	B9857-4000	304	2B	3.00 x 1219 x 2438	1,108
14	KA10505990E20	A1101712	304	2B	1.20 x 1219 x 3048	1,368

化學成份										機械性質				物理性質					
Chemical Composition										Mechanical Properties				Physical Properties					
項目 Item	C	Si	Mn	P	S	Cr	Ni	N			抗拉強度 T.S N/MM ²	降伏強度 Y.S(0.2%) N/MM ²	伸長率 Elong (%)	硬度 Hardness HRB	硬度 Hardness HV				
14	0.040	0.460	1.130	0.039	0.001	18.100	8.000	0.050			686	288	55.0	87.5	-				
8	0.040	0.460	1.110	0.036	0.002	18.200	8.000	0.040			663	325	56.0	83.0	-				
9	0.040	0.460	1.110	0.036	0.002	18.200	8.000	0.040			663	325	56.0	83.0	-				
10	0.040	0.320	1.170	0.037	0.001	18.200	8.000	0.040			658	271	58.0	79.5	-				
11	0.040	0.390	1.170	0.035	0.002	18.000	8.000	0.040			658	290	57.5	84.5	-				
12	0.046	0.414	1.195	0.033	0.003	18.075	8.063	0.054			640	274	56.3	84.2	-				
13	0.040	0.460	1.130	0.039	0.001	18.100	8.000	0.050			686	288	55.0	87.5	-				

茲證明本表所列產品，均依材料規格製造及試驗，並符合規格之要求。

We hereby certify that the products described herein have been manufactured and tested with Satisfactory results in accordance with the requirement of the above material specification.


本產品無輻射污染，並且不含汞。

The material described above is free irradiation and free mercury.

Accordance With ASTM A240 And ASTM A480

For and on behalf of
**YUEN CHANG STAINLESS
STEEL CO., LTD.**

Authorized Signature:



DART Aerospace Ltd.
 1270 Aberdeen Street
 Hawkesbury, ON K6A 1K7
 Tel: 613 632 9577
 Fax: 613 632 1053

PURCHASE ORDER
 Purchase Order ID PO16444
 Purchase Order Date 3/14/12
 PO Print Date 3/14/12
 Page Number 1 of 3

Order From : VC-COP001
 THYSSENKRUPP MATERIALS CA LTD
 O/A VPK METAL- C/O T27540/PO BOX 4275,POSTAL"A"
 TORONTO, ON M5W 5V8
 CA

Contact Name	905 669 9444	Buyer	Chantal Lavoie
Vendor Phone	905 738 9033	Requisition Nbr	10127-2607
Vendor Fax		Tax Resale Nbr	Net 30
Vendor Account Nbr		Terms	CAD
		Currency	Destination-Collect
		FOB	

Ship To : DART AEROSPACE LTD
 1270 ABERDEEN
 HAWKESBURY, ON K6A 1K7
 CANADA

FAX 613 632 1053
 DART

Line Nbr	Reference	Revision ID	Vendor Part Number	Description/	Mfg ID	Reg Date/	Reg Qty/	Ship Method	Unit Price	Extended Price
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1	M303R0.750	028	303 Round Bar 0.750	3/23/12	Yes	24.00	Yours ppd	\$3.9000	\$93.60
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2	M303R1.000	020	303 Round Bar 1.00	3/23/12	Yes	12.00	Yours ppd	\$6.9200	\$83.04
Special Inst: MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE									

3	M304S11GA	020	304/316 0.125 Sheet	3/23/12	Yes	32.00	Yours ppd	\$9.7000	\$310.40
Special Inst: MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE: AISI 304/316 NOT ACCEPTABLE									

MATERIAL: AISI 304/316 SS SHEET
 ANNEALED 2B FINISH
 AS MIL-S-5059 OR AMS 5513 (304) OR
 AMS 5524 (316)
 OR ASTM A240 OR ASME SA240

Change Nbr: 1
 Change Date: 3/14/12
 No substitution or deviation without
 consent.
 Certificate of Conformity or Material
 Certification required when applicable

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER
Purchase Order ID PO16444
Purchase Order Date 3/14/12
PO Print Date 3/14/12
Page Number 2 of 3

Order From : THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL- C/O T27540/PO BOX 4275, POSTAL "A"
TORONTO, ON M5W 5V8
CA

Contact Name	905 669 9444	Buyer	Chantal Lavoie
Vendor Phone	905 738 9033	Requisition Nbr	10127-2607
Vendor Fax		Tax Resale Nbr	Net 30
Vendor Account Nbr		Terms	CAD
		Currency	Destination-Collect
		FOB	

4	M304S16GA	304/316 Sheet .063	3/23/12	Yes	192.00	Yours ppd	\$4.5094	\$865.80
MATERIAL: AISI 304/316 SS SHEET ANNEALED 2B FINISH AS MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240								
5	M6061T6B0.500X05.000	6061-T6 Bar .500 x 5.00	3/23/12	Yes	24.00	Yours ppd	\$6.2000	\$148.80
MATERIAL: 6061- T6/T651/T6510/6511T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221								
6	M6061T6B2.500X03.500	6061-T6 Bar 2.50 x 3.50	3/23/12	Yes	12.00	Yours ppd	\$20.6600	\$247.92
MATERIAL: 6061- T6/T651/T6510/6511T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221								
7	M6061T6R1.000	ROUND BAR 1.00"	3/23/12	Yes	24.00	Yours ppd	\$1.9200	\$46.08
MATERIAL: 6061- T6/T651/T6510/6511T62 ALUMINUM BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221								

Change Nbr: 1
Change Date: 3/14/12
No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable

DART Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER
Purchase Order ID PO16444
Purchase Order Date 3/14/12
PO Print Date 3/14/12
Page Number 3 of 3

Order From : THYSSENKRUPP MATERIALS CA LTD
O/A VPK METAL-C/O T27540/PO BOX 4275,POSTAL"A"
TORONTO, ON M5W 5V8
CA

Contact Name	905 669 9444	Buyer	Chantal Lavoie
Vendor Phone	905 738 9033	Requisition Nbr	10127-2607
Vendor Fax		Tax Resale Nbr	Net 30
Vendor Account Nbr		Terms	CAD
		Currency	Destination-Collect
		FOB	

Special Inst:

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM
ROUND BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8
OR AMS 4117/4128/
4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160
OR ASTM B211 OR ASTM B221

Special Inst:

MATERIAL: 6061-T6/T62 ALUMINUM
SHEET
AS PER QQ-A-250/11 OR AMS-QQ-A-250/11 OR
AMS 4025 OR AMS 4027 OR ASTM B209

PO Total:

\$3,195.63

MATERIAL CERTIFICATION
REQD UPON DELIVERY

CERTIFICATE OF CONFORMITY
REQD UPON DELIVERY

Change Nbr: 1
Change Date: 3/14/12
No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required when applicable